



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Ching-Leou Teng, Phillip Dan Cook, Lloyd Tillman,
Gregory E. Hardee, David J. Ecker & Muthiah ManoharanGroup Art Unit: Not
Assigned

Examiner: Not Assigned

For: Compositions and Methods for Non-Parenteral
Delivery of Oligonucleotides

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:


My residence, post office address and citizenship are as stated below next to my name; and

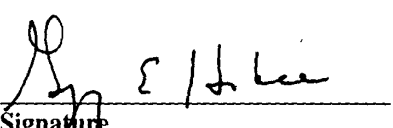
I believe that I am the original, first and sole inventor (if only one name is listed below) or an
original, first and joint inventor (if plural names are listed below) of the subject matter which
is claimed and for which a☒ Utility Patent☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.☒ was filed on December 21, 2001 as Serial No. 10/029,598.☐ said application having been amended on _____.I hereby state that I have reviewed and understand the contents of the above-identified
specification, including the claims, as amended by any amendment referred to above.I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information
known to be material to the patentability of this application in accordance with 37 CFR §
1.56.I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign
application(s)** for patent or inventor's certificate listed below and have also identified below
any foreign application for patent or inventor's certificate having a filing date before that of
any application on which priority is claimed:

Name: Phillip Dan Cook	
Mailing Address: 5237 Olive Hill Road Fallbrook, California 92028	Signature Date of Signature: _____
City/State of Actual Residence: Fallbrook, California	Citizenship: United States of America

Name: Lloyd Tillman	
Mailing Address: 4350 Stanford Street Carlsbad, California 92008	Signature Date of Signature: <u>20 MAR 02</u>
City/State of Actual Residence: Carlsbad, California	Citizenship: United States of America

Name: Gregory E. Hardee	
Mailing Address: 17407 La Brisa Rancho Sante Fe, California 92067	Signature Date of Signature: <u>25 Mar 02</u>
City/State of Actual Residence: Rancho Ante Fe, California	Citizenship: United States of America

Name: David J. Ecker	<u>David Ecker</u> Signature
Mailing Address: 1041 Saxony Road Encinitas, California 92024	Date of Signature: <u>3/22/02</u>
City/State of Actual Residence: Encinitas, California	Citizenship: United States of America

Name: Muthiah Manoharan	<u>Muthiah Manoharan</u> Signature
Mailing Address: 7634 Reposado Drive Carlsbad, California 92009	Date of Signature: <u>3/20/02</u>
City/State of Actual Residence: Carlsbad, California	Citizenship: United States of America

DOCKET NO.: ISIS-4945



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Group Art Unit: Not
Assigned

Ching-Leou Teng, Phillip Dan Cook, Lloyd Tillman,
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Examiner: Not Assigned

For: Compositions and Methods for Non-Parenteral
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**COPY OF PAPERS
ORIGINALLY FILED**

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent

☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on December 21, 2001 as Serial No. 10/029,598.

☐ said application having been amended on ____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
09/315,298	May 20, 1999	Pending
09/082,624	May 31, 1998	Pending

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney/Agent	Registration No.
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Michael P. Straher	38,325
Emma R. Dailey	48,491

DOCKET NO.: ISIS-4945

PATENT

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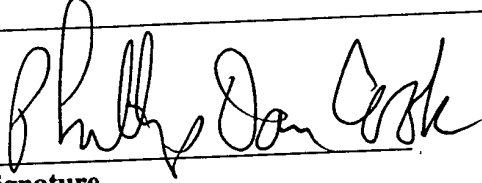
of **ISIS PHARMACEUTICALS, INC.**, 2292 Faraday Avenue, Carlsbad, California 92008

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Ching-Leou Teng	
Mailing Address: 4571 Mercurio Street San Diego, California 92130	Signature _____ Date of Signature: _____
City/State of Actual Residence: San Diego, California	Citizenship: United States of America

Name: Phillip Dan Cook	
Mailing Address: 5237 Olive Hill Road Fallbrook, California 92028	Signature Date of Signature: 03/20/02
City/State of Actual Residence: Fallbrook, California	Citizenship: United States of America

Name: Lloyd Tillman	
Mailing Address: 4350 Stanford Street Carlsbad, California 92008	Signature Date of Signature: _____
City/State of Actual Residence: Carlsbad, California	Citizenship: United States of America

Name: Gregory E. Hardee	
Mailing Address: 17407 La Brisa Rancho Santa Fe, California 92067	Signature Date of Signature: _____
City/State of Actual Residence: Rancho Ante Fe, California	Citizenship: United States of America

Name: David J. Ecker	Signature Date of Signature: _____ Citizenship: United States of America
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City/State of Actual Residence: Encinitas, California	

Name: Muthiah Manoharan	Signature Date of Signature: _____ Citizenship: United States of America
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